

Substitute for Form 1449/PTO

Complete if Known

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 09/558,077

Filing Date 4/25/2000

First Named Inventor: Will Scullin

Art Unit 2155

Examiner Name Liang Che A Wang

Attorney Docket Number 4259.P059

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
L		US-	5,146,325	9/8/92	Ng	
		US-	5,230,019	7/20/93	Yanagimichi, et al.	
		US-	5,444,491	8/22/95	Lim	
		US-	5,574,964	11/12/96	Hamlin, Christopher L.	
		US-	5,650,831	7/22/97	Farwell	
		US-	5,721,727	2/24/98	Ashi	
		US-	5,734,589	3/31/98	Kostreski, et al.	
		US-	5,883,869	3/16/99	Tamai, et al.	
		US-	5,940,073	8/17/99	Klosterman	
		US-	5,963,909	10/5/99	Warren, et al.	
		US-	6,005,938	12/21/99	Banker, et al.	
		US-	6,014,693	1/11/00	Ito, et al.	
		US-	6,014,694	1/11/00	Aharoni, et al.	
		US-	6,044,396	3/28/00	Adams	
		US-	6,049,694	4/11/00	Kassatly	
		US-	6,072,872	6/6/00	Chang, et al.	
		US-	6,084,583	7/4/00	Gerszberg et al.	
		US-	6,108,422	8/22/00	Newby, et al.	
		US-	6,118,498	9/12/00	Reitmeir Glenn Arthur	
		US-	6,138,147	10/24/00	Weaver, et al.	
		US-	6,141,356	10/31/00	Gorman	
		US-	6,188,397	2/13/01	Humpleman, Richard	
		US-	6,226,241	5/1/00	D'Amato, et al.	
		US-	6,366,731	4/2/02	Na, et al.	
		US-	6,360,368	3/19/02	Chawla	
		US-	6,526,580	2/25/03	Shimomura, et al.	
		US-	6,578,070	6/10/03	Weaver, et al.	
		US-	6,603,488	8/1/03	Humpleman, Richard	
		US-	6,611,503	8/1/03	Fitzgerald, et al.	
		US-	5,838,873	11/17/98	Blatter, et al.	
		US-	6,505,299 B1	01/07/03	Zeng, et al.	

Examiner Signature

Liang Che Wang

Date Considered

6/20/05

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Application Number 09/558,077

Filing Date 4/25/2000

First Named Inventor: Will Scullin

Art Unit 2511

Examiner Name Liang Che A Wang

Attorney Docket Number 4259.P059

Sheet

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of

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
LW		US-	4,944,008	7/24/90	Piosenka, et. al.	
		US-	5,584,023	12/10/96	Hsu	
		US-	5,734,862	3/31/98	Kulas	
		US-	5,371,551	12/6/94	Logan, et al.	
		US-	5,495,246	2/27/96	Nichols, et al.	
		US-	5,515,373	5/7/96	Lynch, et al.	
		US-	5,627,539	6/6/97	Lynch, et al.	
		US-	5,631,651	5/20/97	Nichols, et al.	
		US-	5,634,074	5/27/97	Devon, et al.	
		US-	5,721,827	2/24/98	Logan, et al.	
		US-	5,727,233	3/10/98	Lynch, et al.	
		US-	5,732,216	3/24/98	Logan, et al.	
		US-	5,799,190	8/25/98	Lynch, et al.	
		US-	5,819,298	10/6/98	Wong, et al	
		US-	5,862,220	1/19/99	Perlman	
		US-	5,870,477	2/9/99	Sasaki, et. al.	
		US-	5,892,536	4/6/99	Logan, et al.	
		US-	5,918,013	6/29/99	Mighdoll, et al.	
		US-	5,931,949	8/3/99	Perlman, et al.	
		US-	5,938,748	8/17/99	Lynch, et al.	
		US-	5,896,444	4/20/99	Perlman, et al.	
		US-	5,978,381	11/2/99	Perlman, et al.	
		US-	5,983,273	11/9/99	White, et al.	
		US-	5,986,692	11/16/99	Logan, et al.	
		US-	6,023,585	2/8/00	Perlman, et al.	
		US-	6,026,079	2/15/00	Perlman	
		US-	6,073,168	6/6/00	Mighdoll, et al.	
		US-	6,088,455	7/11/00	Logan, et al.	
		US-	6,134,590	10/17/00	Perlman	
		US-	6,141,693	10/31/00	Perlman, et al.	
		US-	6,169,879	1/2/01	Perlman	

Examiner  
Signature

Liang Che Wang

Date Considered

6/20/03

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of

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Application Number	09/558,077
Filing Date	4/25/2000
First Named Inventor:	Will Scullin
Art Unit	2511
Examiner Name	Liang Che A Wang
Attorney Docket Number	04259.P059

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Examiner  
Signature

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Date Considered

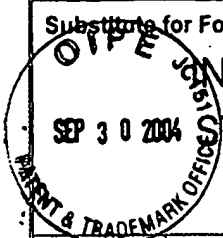
6/20/05

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Substitute for Form 1449/PTO



# INFORMATION DISCLOSURE

SEP 30 2004

## STATEMENT BY APPLICANT

(use as many sheets as necessary)

### Complete if Known

Application Number	09/558,077
Filing Date	4/25/2000
First Named Inventor:	Will Scullin
Art Unit	2155
Examiner Name	Liang Che A Wang
Attorney Docket Number	4259.P059

Sheet 4 of 4

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JW		EP	0 346 700	A2	12/20/89	Paik, Woo H.		
		EP	0 512 398	A2	11/11/92	Kelkar, Kris, et al		
		EP	0 666 694	A1	8/9/95	Hamilton, Jeffrey S. et al		
		EP	0 714 204	A2	5/29/96	Park, Tae Joon		
		EP	0 749 244	A2	12/18/96	Yukio, Kurano, et al.		
		EP	0 753 964	A1	1/15/97	Meunier, Paul Louis et al.		
		EP	0 756 393	A1	1/29/97	Pirat, Patrick		
		EP	0 773 681	A2	5/14/97	Park, Tae Joon		
		EP	0 903 738	A2	3/24/99	Saeki, Shinchi et al.		
		EP	0 911 962	A1	4/28/99	Matsuura, Syuui, et al.		
		EP	1 018 835	A2	7/12/00	Nooralahyan, Amir, et al.		
		EP	1 032 195	A2	8/30/00	Pieper, Michael		
		EP	1 143 722	A1	10/10/01	Wajs, Andrew Augustine		
		GB	2 333 017	A	7/7/99	Ryu, Choong-LL		
		WO	99/22513	A2	5/6/99	Bruls, Wilhelmus et al		
		WO	00/01149	A1	1/6/00	Wachtgogel, Reuven et al		
		WO	00/51129		8/31/00	Mosher, Kevin L. et al.		
		WO	01/04893	A1	1/18/01	Shimotashiro, et al.		
		WO	01/37546	A6	5/25/01	Luc Vantalon, et al.		
		WO	01/74079	A1	10/4/01	Maruo, Jun, et al.		
		WO	99/33265		7/1/91	O'Connor, et al.		
		WO	01/11865	A1	2/15/01	Bodkin, Nigel et al.		
		EP	0 364 229	A2	4/18/90	Yokono, Shigeru, et al		
		EP	0 676 761	A1	10/11/95	Igarashi, Tatsuya, et al.		
		EP	0 693 727	A1	1/24/96	Tsukamoto, Junichi, et al.		
		EP	0 971 358	A2	1/12/00	Yoshkik, Kuno		
		EP	01 079 581	A2	2/28/01	Choo, Tse Huong		
		EP	1 056 279	A1	11/29/00	Entwistle, Paul		

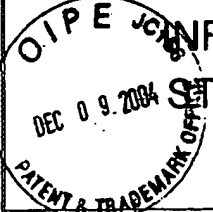
Examiner Signature	Liang Che Wang	Date Considered	6/20/05
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Substitute for Form 1449/PTO <div style="float: left; width: 150px; text-align: center;">  </div> <div style="float: right; text-align: right;"> <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i> </div> <div style="clear: both;"></div>				<b>Complete if Known</b>	
Application Number		09/558,077			
Filing Date		April 25, 2000			
First Named Inventor:		Scullin			
Art Unit		2155			
Examiner Name		Liang Che A Wang			
Attorney Docket Number		004259.P059			
Sheet	1	of	5		

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		Number-Kind Code <sup>2</sup> (if known)				
↓		US-	5,671,377	09-23-1997	Bleidt, et al.	
		US-	5,828,839	10-27-1998	Moncreiff	
		US-	5,959,508	09-28-1999	Aitken	
		US-	5,857,185	01-05-1999	Augenbraun, et al.	
		US-	5,797,001	08-18-1999	Augenbraun, et al.	
		US-	5,617,565	04-01-1997	Augenbraun, et al.	
		US-	5,585,858	12-17-1996	Harper, et al.	
		US-	5,953,012	09-14-1999	Veghte, et al.	
		US-	5,867,657	06-06-1996	Bolosky, et al.	
		US-	5,758,258	05-26-1998	Shoff, et al.	
		US-	5,874,985	02-23-1999	Mathews, III	
		US-	5,748,789	05-05-1998	Lee, et al.	
		US-	5,731,841	03-24-1998	Rosenbaum, et al.	
		US-	5,572,247	11-05-1996	Montgomery, et al.	
		US-	5,918,002	06-29-1999	Klemets, et al.	
		US-	5,247,575	09-21-1993	Sprague, et al.	

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				Filing Date	April 25, 2000
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				Art Unit	2155
				Examiner Name	Liang Che A Wang
Sheet	2	of	5	Attorney Docket Number	004259.P059

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L		US-	5,632,007	05-20-1997	Freeman	
		US-	5,724,091	03-03-1998	Freeman, et al.	
		US-	5,861,881	01-19-1999	Freeman, et al.	
		US-	5,691,986	11-25-1997	Pearlstein	
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		US-	5,913,038	06-15-1999	Griffiths	
		US-	5,825,927	10-20-1998	Boyce, et al.	
		US-	5,764,762	06-09-1998	Kazmierczak, et al.	
		US-	5,923,328	07-13-1999	Griesmer	
		US-	5,945,987	08-31-1999	Dunn	
		US-	5,896,414	04-20-1999	Meyer, et al.	
		US-	5,745,185	04-28-1998	Portron, et al.	
		US-	5,724,091	03-03-1998	Freeman, et al.	
		US-	5,327,237	07-05-1994	Gerdes, et al.	
		US-	5,739,866	04-14-1998	Kim, et al.	
		US-	5,907,323	05-25-1999	Lawler, et al.	
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		US-	5,903,563	05-11-1999	Rashid, et al.	
		US-	5,983,005	11-09-1999	Monteiro, et al.	
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		US-	5,903,673	05-11-1999	Wang, et al.	
		US-	5,708,476	01-13-1998	Myhrvold, et al.	
		US-	5,805,763	09-08-1998	Lawler, et al.	
		US-	5,815,145	09-29-1998	Matthews, III	
		US-	5,559,559	09-24-1997	Jungo, et al.	
		US-	5,617,148	04-01-1998	Montgomery, et al.	
		US-	5,742,357	04-21-1998	Greisbaum	
	US-	5,410,360	05-25-1995	Montgomery		
	US-	5,557,333	08-17-1996	Jungo, et al.		

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Substitute for Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>					<b>Complete if Known</b>		
					Application Number	09/558,077	
					Filing Date	April 25, 2000	
					First Named Inventor:	Scullin	
					Art Unit	2155	
					Examiner Name	Liang Che A Wang	
Sheet	3	of			5	Attorney Docket Number	004259.P059
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)					
LW		US-	5,831,679	11-03-1998	Montomery, et al.		
		US-	5,774,172	06-30-1998	Kapell, et al.		
		US-	5,781,228	07-14-1998	Sposato		
		US-	5,815,195	09-29-1998	Tam		
		US-	5,387,941	02-07-1995	Montgomery, et al.		
		US-	5,437,714	10-10-1995	Engel, et al.		
		US-	5,184,218	02-02-1993	Geredes		
		US-	5,671,283	09-23-1997	Michener, et al.		
		US-	5,351,293	09-27-1994	Michener, et al.		
		US-	5,200,715	04-06-1993	Gerdes, et al.		
		US-	5,029,003	07-02-1991	Jonnalagadda		
		US-	4,958,230	09-18-1990	Jonnalagadda, et al.		
		US-	5,790,198	08-04-1998	Roop, et al.		
		US-	5,684,525	11-04-1997	Klosterman		
		US-	5,550,576	08-27-1996	Klosterman		
		US-	5,923,362	07-13-1999	Klosterman		
		US-	5,577,042	11-19-1996	McGraw, et al.		
				5,828,945	10-27-1998	Klosterman	
		US-		5,778,181	07-07-1998	Hidary, et al.	
		US-		5,774,664	06-30-1998	Hidary, et al.	
		US-		5,793,413	08-11-1998	Hylton	
		US-		6,021,419	02-01-2000	Clarke, Jr., et al.	
		US-		5,987,518	11-16-1999	Gotwald	
		US-		5,636,211	06-03-1997	Newlin, et al.	
		US-		5,708,960	01-13-1998	Kamisaka, et al.	
		US-		5,737,107	04-07-1998	Umeda	
		US-		5,926,624	01-20-1999	Katz, et al.	
		US-		5,701,580	12-23-1997	Yamane, et al.	
	US-		5,974,496	10-26-1999	Miller		
	US-		6,064,796	08-12-2003	Nakamura, et al.		
	US-		6,408,128 B1	06-18-2002	Abecassis		
	US-		5,966,637	10-12-1999	Kanungo, et al.		
	US-		6,006,256	12-21-1999	Zdepski, et al.		

Examiner Signature		Date Considered	6/20/05
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*(use as many sheets as necessary)*

Application Number	09/558,077
Filing Date	April 25, 2000
First Named Inventor:	Scullin
Art Unit	2155
Examiner Name	Liang Che A Wang
Attorney Docket Number	004259.P059

Sheet 4 of 5

[illegible]

Examiner Signature	L. L. W. J.	Date Considered	6/20/05
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				Application Number	09/558,077
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				Art Unit	2155
				Examiner Name	Liang Che A Wang
Sheet	5	of	5	Attorney Docket Number	004259.P059
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
Lw		MediaStream MRX-2 PC-DVB Satellite Receiver Card Brochure, Media4, Inc., August 1998, 2 pages.			
Lw		MediaStream MRX-3 PC-DVB Satellite Receiver Card Brochure, Media4, Inc., August 1998, 2 pages.			
Lw		MediaStream IP-DVB Gateway Brochure, Media4, Inc., May 1998, 2 pages.			
Lw		MediaStream Network Control System Brochure, Media4, Inc., May 1998, 2 pages.			
Lw		MediaStream Broadcast Server Brochure, Media4, Inc. May 1998, 2 pages.			
Lw		MediaStorm II Brochure, July 5, 1999, 2 pages from NDS.			
Lw		Business at the speed of thought Brochure, October 9, 1998, 11 pages, Cyberstar, A Loral Company.			
Lw		Broadband Technology Choices Brochure, March 24, 1998, 7 pages, Cyberstar, A Loral Company.			
Lw		Why Satellite-based high-speed communications sense, March 24, 1998, 4 pages, Cyberstar, A Loral Company.			

Examiner Signature		Date Considered	6/20/05
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